

# EDUCATIONAL TOYS

for 1935

The Metal Ware Corporation

TWO RIVERS, WISCONSIN

# EMPIRE EDUCATIONAL TOYS

FOR

## GIRLS

Attractively Designed Electric Ranges and Play Stoves.  
All Electric Ranges Actually Cook and Bake and Have  
Heavy Duty Mica and Porcelain Waterproof Safety Elements. Also a Complete Line of Play Stoves (Non-Electric).



# EMPIRE EDUCATIONAL TOYS

FOR

## BOYS

SPEEDY, POWERFUL, ELECTRICAL, STEAM and  
MAGNETIC ENGINES . . . with Companion Accessories.  
These Items Offer Unlimited Educational and Entertaining  
Play Value.



Manufactured by

# THE METAL WARE CORPORATION

General Offices and Factory

TWO RIVERS, WISCONSIN

Sales Offices

CHICAGO  
1433 Merchandise Mart

NEW YORK  
113 Chambers Street

SAN FRANCISCO  
268 Market Street

SOMETHING EVERY ELECTRIC TOY RANGE SHOULD HAVE

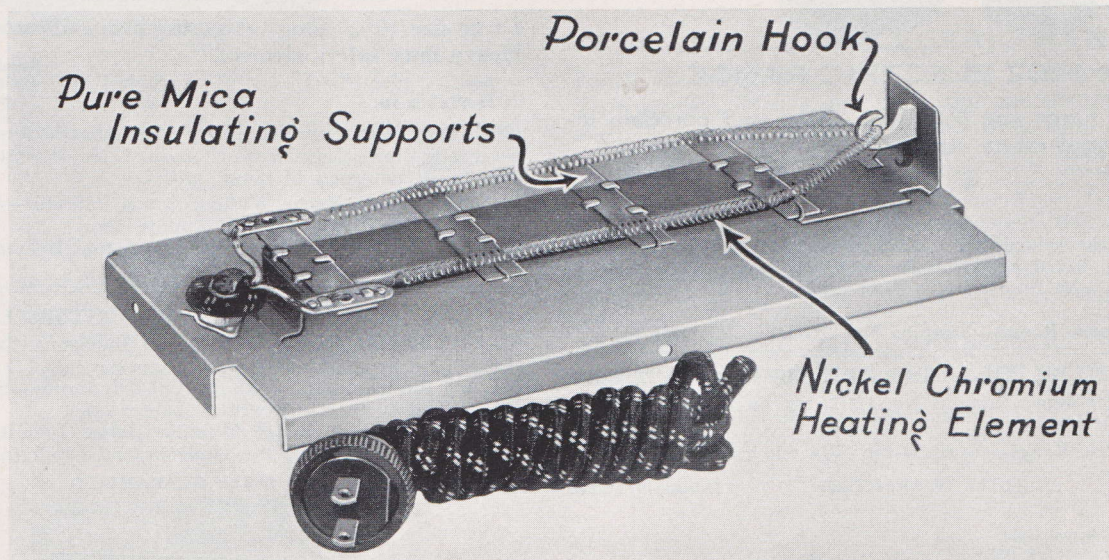
## A SAFETY ELEMENT

ALL EMPIRE ELECTRIC RANGES ARE

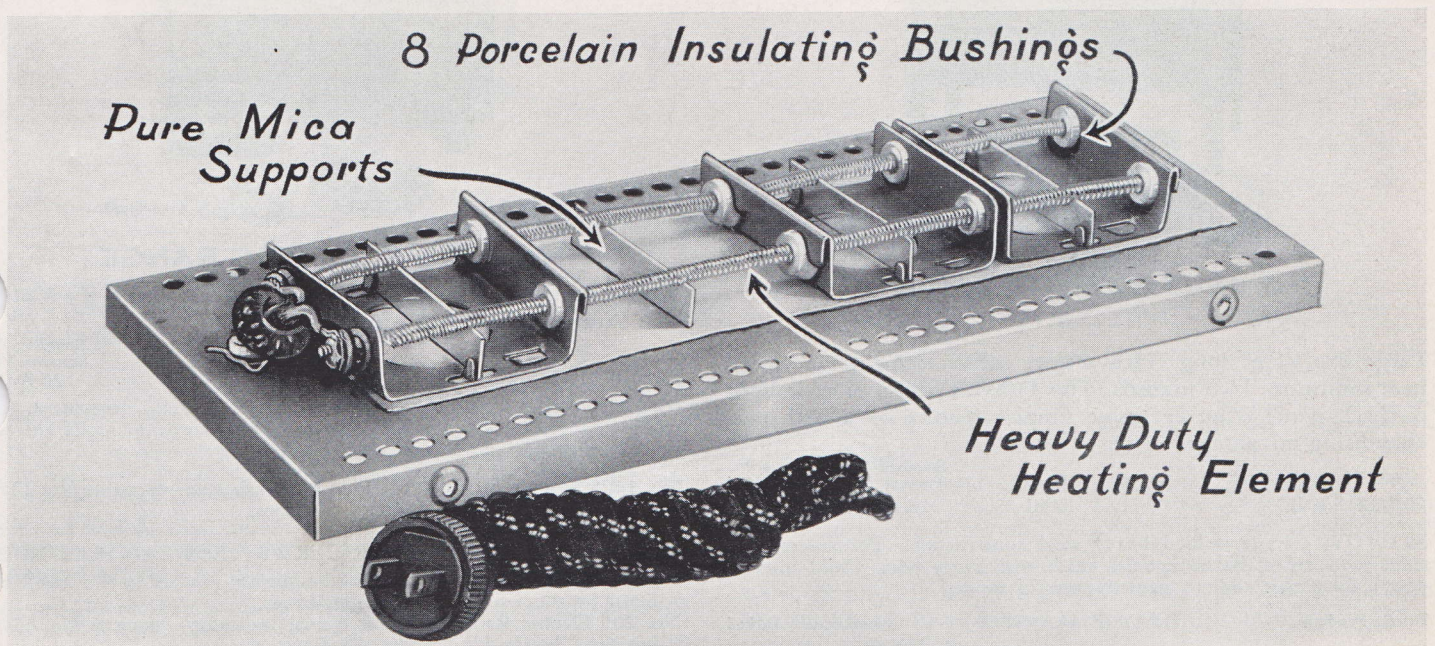
**SAFE** — Because they are insulated only with mica and porcelain — the best possible electrical insulation.

**WATERPROOF** — Because there is nothing in the element construction to absorb moisture — therefore, no electrical shorts or shocks.

**HEAVY DUTY** — The high grade nickel chromium resistance wire is made to withstand hard usage and long life. The element frame and base are made of heavy steel.



This element construction is furnished with all ranges illustrated on pages 4, 5, and Range No. 276 and 1276 on page 6.  
Patents pending.



This element construction is furnished with all ranges illustrated on pages 6 and 7 with the exception of the No. 276 and 1276.

# EMPIRE ELECTRIC RANGES

NON-BREAKABLE — SAFETY ELEMENT — TESTED — WATERPROOF



## NO. 1202 ELECTRIC RANGE

Two utensils. Large size  $8\frac{1}{4}$ " long. Mica and porcelain insulated waterproof safety element.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
$8\frac{1}{4} \times 6\frac{7}{8} \times 4\frac{1}{2}$ in.	175	12	25 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green, baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

No. 1202-X Electric Range—Same as No. 1202 but less utensils.

### RANGES LISTED BY THE UNDERWRITERS' LABORATORIES:

No. 204 Electric Range—Same as No. 1202, but listed by the Underwriters' Laboratories.

No. 204-X Electric Range—Same as No. 204 but less utensils.

Patents Pending

FULLY GUARANTEED

Individually Packed

Note the Actual Light  
—an Exclusive Feature



## NO. 1345 ELECTRIC RANGE WITH ELECTRIC LIGHT

Large size  $10\frac{1}{4}$ " long. Heavy duty safety element. Accurate heat indicator. Two utensils. The 110-volt actual electric light on back panel is an exclusive Empire feature — a real merchandising advantage.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
$10\frac{1}{4} \times 8 \times 5\frac{3}{8}$ in.	250	6	19 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green, baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

Patents Pending

FULLY GUARANTEED

Individually Packed



## NO. 1355 ELECTRIC RANGE

Large size  $10\frac{1}{4}$ " long. Accurate heat indicator. Two utensils. Heavy duty safety element.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
$10\frac{1}{4} \times 8 \times 5\frac{3}{8}$ in.	250	6	19 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green, baked enamel finish. Child interest design on panels adds to attractiveness of range.

No. 1305 Electric Range Without Actual Indicator—Same as No. 1355 but with imitation heat indicator on door.

No. 1305-X Electric Range Without Actual Indicator—Same as No. 1305 but no utensils.

### RANGES LISTED BY THE UNDERWRITERS' LABORATORIES:

No. 355 Electric Range With Actual Indicator—Same as No. 1355, but listed by the Underwriters' Laboratories.

No. 305 Electric Range Without Actual Indicator—Same as No. 1305, but listed by the Underwriters' Laboratories.

No. 305-X Electric Range Without Actual Indicator—Same as No. 1305-X, but listed by the Underwriters' Laboratories.

Patents Pending

FULLY GUARANTEED

Individually Packed

## LARGE PRACTICAL UTENSILS



## NO. 1255 ELECTRIC RANGE

Heavy duty safety element. Large size  $10\frac{1}{4}$ " long. Two utensils. Accurate heat indicator.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
$10\frac{1}{4} \times 8\frac{1}{4} \times 5\frac{5}{8}$ in.	250	6	20 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green, baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

No. 1205 Electric Range Without Actual Indicator—Same as No. 1255, but with imitation heat indicator on door.

### RANGES LISTED BY THE UNDERWRITERS' LABORATORIES:

No. 255 Electric Range With Actual Indicator—Same as No. 1255, but listed by the Underwriters' Laboratories.

No. 205 Electric Range Without Actual Indicator—Same as No. 1205, but listed by the Underwriters' Laboratories.

Patents Pending

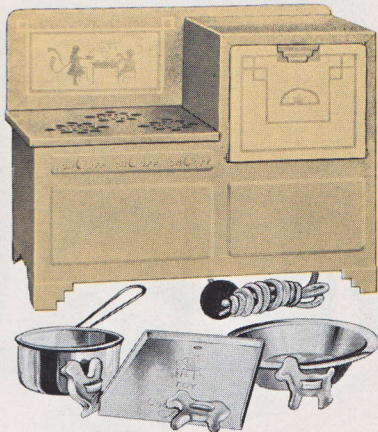
FULLY GUARANTEED

Individually Packed

EMPIRE

# ACTUALLY COOK AND BAKE

ECONOMICAL — GUARANTEED



## No. 1208 ELECTRIC RANGE

Large size 11 $\frac{5}{8}$ " long. Six utensils. Heavy duty safety element.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
11 $\frac{5}{8}$ x9 $\frac{1}{8}$ x5 $\frac{7}{8}$ in.	250	6	23 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous buff baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

No. 208 Electric Range—Same as No. 1208, but listed by the Underwriters' Laboratories.

Patents Pending

FULLY GUARANTEED

Individually Packed



## No. 1285 ELECTRIC RANGE

WITH ACTUAL SWITCH

Accurate heat indicator. Three utensils. Two actual compartments below oven. Heavy duty safety element controlled by actual switch for turning current "on" or "off."

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
9 $\frac{1}{4}$ x8 $\frac{1}{4}$ x5 $\frac{5}{8}$ in.	250	6	23 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous buff baked enamel finish with ivory trim. Compartments used for "Warming Oven" and storage of utensils. Child interest design on panels adds to attractiveness of range.

RANGES LISTED BY THE UNDERWRITERS' LABORATORIES:

No. 285 Electric Range—Same as No. 1285, except listed by the Underwriters' Laboratories.

Patents Pending

FULLY GUARANTEED

Individually Packed

REAL  
EDUCATIONAL  
TOYS



## No. 1307 ELECTRIC RANGE

Large size 10 $\frac{1}{2}$ " long. Latest design "Cabinet Model" style. Two utensils. Heavy duty mica and porcelain insulated safety element specially designed to heat oven from beneath.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
10 $\frac{1}{2}$ x9x5 $\frac{1}{4}$ in.	250	6	18 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

No. 1307-X Electric Range—Same as No. 1307, but less utensils.

RANGES LISTED BY THE UNDERWRITERS' LABORATORIES:

No. 307 Electric Range—Same as No. 1307, but listed by the Underwriters' Laboratories.

No. 307-X Electric Range—Same as No. 1307-X, but listed by the Underwriters' Laboratories.

Patents Pending

FULLY GUARANTEED

Individually Packed

LITTLE GIRLS  
LIKE TO BE  
HOUSEKEEPERS



## No. 1278 ELECTRIC RANGE

Large size 11 $\frac{5}{8}$ " long. Three utensils. Accurate heat indicator. Two actual compartments below oven.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
11 $\frac{5}{8}$ x9 $\frac{1}{8}$ x5 $\frac{7}{8}$ in.	250	6	27 lbs.

STURDY, electric welded steel construction. Unusually attractive, lustrous, buff, baked enamel finish. Compartments used for "Warming Oven" and storage of utensils. Attractive child interest design on back panel.

RANGES LISTED BY THE UNDERWRITERS' LABORATORIES:

No. 278 Electric Range—Same as No. 1278, but listed by the Underwriters' Laboratories.

Patents Pending

FULLY GUARANTEED

Individually Packed

EMPIRE

# EMPIRE ELECTRIC RANGES

**ECONOMICAL — GUARANTEED**

Note the Actual Light—an Exclusive Feature



**LARGE NEW AND  
REFINED MODELS**

## NO. 1276 ELECTRIC RANGE

**WITH ELECTRIC LIGHT**

Large size 11 $\frac{5}{8}$ " long. Six practical utensils. Heavy duty safety element. Accurate heat indicator. Imitation heat control knob. New style switch. The 110-volt electric light on back panel is an exclusive EMPIRE feature — a real merchandising advantage.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
11 $\frac{5}{8}$ x10 $\frac{1}{8}$ x6 in.	350	6	23 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

**RANGES LISTED BY THE UNDERWRITERS' LABORATORIES:**

No. 276 Electric Range With Light—Same as No. 1276, but listed by the Underwriters' Laboratories.

Patents Pending **FULLY GUARANTEED** Individually Packed

Note the Actual Light—an Exclusive Feature



**FURNISHED WITH  
THE POPULAR  
WHISTLING  
TEA KETTLE**

## NO. 20 ELECTRIC RANGE

**WITH ELECTRIC LIGHT**

New "Whistling" Tea Kettle and five other practical utensils. Porcelain insulated safety element. Accurate heat indicator. The 110-volt electric light on back panel is an exclusive EMPIRE feature — a real merchandising advantage.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
13 $\frac{5}{8}$ x11 $\frac{1}{2}$ x6 in.	450	4	26 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

**LISTED BY THE UNDERWRITERS' LABORATORIES**

Patents Pending **FULLY GUARANTEED** Individually Packed



## NO. B-22 ELECTRIC RANGE

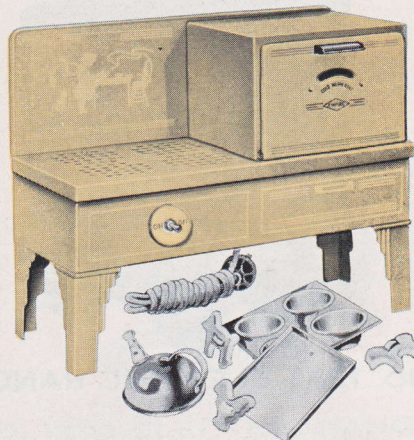
New "Whistling" Tea Kettle and five other utensils. Safety element. Accurate heat indicator.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
13 $\frac{5}{8}$ x11 $\frac{1}{2}$ x6 in.	450	4	25 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

**LISTED BY THE UNDERWRITERS' LABORATORIES**

Patents Pending **FULLY GUARANTEED** Individually Packed



## NO. B-24 ELECTRIC RANGE

New "Whistling" Tea Kettle and five other utensils. Safety element. Accurate heat indicator. Latest design improved switch. An unusually attractive range.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
13 $\frac{5}{8}$ x11 $\frac{1}{2}$ x6 in.	450	4	25 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous buff baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range. Child interest booklet of tested recipes enclosed.

**LISTED BY THE UNDERWRITERS' LABORATORIES**

Patents Pending **FULLY GUARANTEED** Individually Packed

# EMPIRE ELECTRIC RANGES

EXTRA LARGE — BEAUTIFUL MODERN DESIGNS



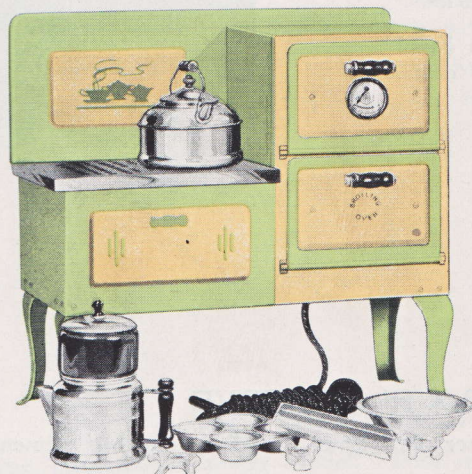
**NO. B-26 ELECTRIC RANGE**  
WITH ELECTRIC LIGHT

New "Whistling" Tea Kettle and six other utensils. Safety element. Accurate heat indicator. Two switches individually control burner and oven elements. The 110-volt actual electric light on back panel is an exclusive EMPIRE feature — a real merchandising advantage.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
13 $\frac{5}{8}$ x11 $\frac{1}{2}$ x6 in.	450	4	26 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

LISTED BY THE UNDERWRITERS' LABORATORIES  
Patents Pending FULLY GUARANTEED Individually Packed



**NO. B-27 ELECTRIC RANGE**

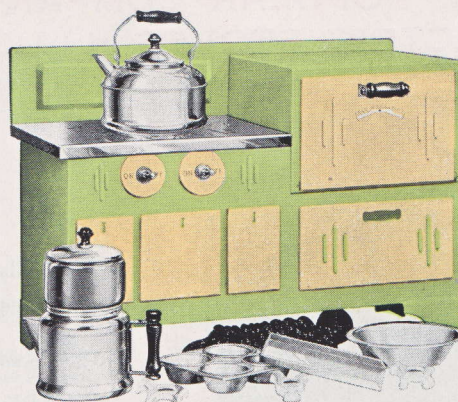
New "Whistling" Tea Kettle and seven other utensils. Accurate heat indicator. Two double lined insulated ovens—top for baking, bottom for broiling. Heavy duty safety element.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
15 $\frac{1}{8}$ x14 $\frac{1}{2}$ x7 $\frac{5}{8}$ in.	600	3	33 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range. Lustrous chromium plated stove top.

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Patented FULLY GUARANTEED Individually Packed

THREE MODELS  
FEATURING  
EMPIRE'S  
EXCLUSIVE  
LIGHTS



**NO. 215 ELECTRIC RANGE**  
WITH ELECTRIC LIGHT

New "Whistling" Tea Kettle and seven other utensils. Heavy duty safety element. Accurate heat indicator. Two switches individually control burner and oven elements. Beautiful modern design. Extra large. The 110-volt actual electric light on back panel is an exclusive EMPIRE feature — a real merchandising advantage.

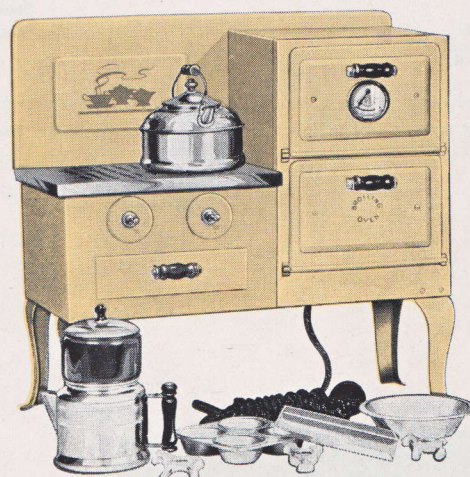
Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
15x11 $\frac{1}{4}$ x7 $\frac{1}{2}$ in.	600	4	33 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Lustrous chromium plated stove top. Child interest design on panels adds to attractiveness of range.

LISTED BY THE UNDERWRITERS' LABORATORIES  
Patents Pending FULLY GUARANTEED Individually Packed

FURNISHED  
WITH  
THE POPULAR  
WHISTLING  
TEA KETTLE

AND ATTRACTIVE  
BOOKLET OF  
TESTED RECIPES



**NO. B-23 ELECTRIC RANGE**  
WITH ELECTRIC LIGHT

New "Whistling" Tea Kettle and seven other utensils. Two double lined insulated ovens—top for baking, bottom for broiling. Special utensil compartment. Two switches individually control burner and oven elements. Accurate heat indicator in baking oven. The 110-volt actual electric light on back panel is an exclusive EMPIRE feature — a real merchandising advantage.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
15x14 $\frac{3}{4}$ x7 $\frac{5}{8}$ in.	600	3	35 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous buff baked enamel finish with ivory trim. Glistening chromium plated stove top. Baking oven and broiling oven have individual heating elements. Child interest design on panels adds to attractiveness of range.

LISTED BY THE UNDERWRITERS' LABORATORIES  
Patented FULLY GUARANTEED Individually Packed

# NON-ELECTRIC PLAY STOVES

VERY POPULAR COMPANIONS TO THE EMPIRE EDUCATIONAL  
ELECTRIC STOVES ILLUSTRATED IN THE PRECEDING PAGES



## No. 103-X PLAY STOVE

Especially priced for Santa Claus booth specials. Red burner plate gives a realistic glowing element effect. An exceptional value.

Size  
8½x6¾x4⅝ in.

Standard  
Package  
12

Shipping Weight  
Standard Package  
16½ lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish. Child interest design on panels adds to attractiveness of range.

FULLY GUARANTEED  
Individually Packed

## No. 105 PLAY STOVE

Two utensils. Large size 10¼" long. Red burner plate gives a realistic glowing element effect.

Size  
10¼x8x5⅝ in.

Standard  
Package  
6

Shipping Weight  
Standard Package  
16 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

FULLY GUARANTEED  
Individually Packed



## No. 108-X PLAY STOVE

Large, attractive model. Red burner plate gives a realistic glowing element effect. A very popular model.

Size  
13⅞x11½x6 in.

Standard  
Package  
4

Shipping Weight  
Standard Package  
20 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

FULLY GUARANTEED  
Individually Packed

# NON-ELECTRIC PLAY STOVES

**REALISTIC!! LOTS OF PLAY VALUE!!**  
**DO NOT UNDERESTIMATE THE TREMENDOUS**  
**MARKET FOR PLAY STOVES**

## No. 104 PLAY STOVE

Two utensils. Large size  $8\frac{1}{4}$ " long. Red burner plate gives a realistic glowing element effect.

Size	Standard Package	Shipping Weight Standard Package
$8\frac{1}{4} \times 6\frac{7}{8} \times 4\frac{1}{2}$ in.	12	23 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

FULLY GUARANTEED  
 Individually Packed



## No. 107 PLAY STOVE

Large size  $10\frac{1}{2}$ " long. Four practical utensils. Red burner plate gives a realistic glowing element effect. A popular, attractively designed play stove.

Size	Standard Package	Shipping Weight Standard Package
$10\frac{1}{2} \times 9 \times 5\frac{1}{4}$ in.	6	16 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

No. 107-X Play Stove—Same as No. 107, but less utensils.

FULLY GUARANTEED  
 Individually Packed



## No. 115 PLAY STOVE

Extra large, attractive "Cabinet Model." Four utensils. Red burner plate gives a realistic glowing element effect.

Size	Standard Package	Shipping Weight Standard Package
$15 \times 11\frac{1}{4} \times 7\frac{1}{2}$ in.	4	24 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

FULLY GUARANTEED  
 Individually Packed



# EMPIRE ELECTRIC RANGES

## EDUCATIONAL AND LOADS OF PLAY VALUE

SOMETHING NEW!! Without Heating Elements, But in Their Place Is a 110-Volt Electric Light Bulb Which Gives a Realistic Glowing Effect Through the Red Shield.

Unusual Merchandising Possibilities!! Display These Ranges on Your Counter with the Lights "On" to Attract the Shoppers.



### No. 1337 GLO-RANGE WITH 3 UTENSILS

No Heat, But Loads of Play Value.

Size	Standard Package	Shipping Wt. Standard Pkg.
10½x9x5¼ in.	6	17½ lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

Patents Pending

FULLY GUARANTEED

Individually Packed



### No. 1367-X GLO-RANGE

Controllable shutter which produces red or blue burner effect has a lot of play value. Blue light for gas stove. Red light for electric stove.

No Heat, But Loads of Play Value.

Size	Standard Package	Shipping Wt. Standard Pkg.
10½x9x5¼ in.	6	17 lbs.

STURDY, electric welded heavy steel construction. Permanent, lustrous jade green baked enamel finish with ivory trim. Child interest design on panels adds to attractiveness of range.

Patented

FULLY GUARANTEED

Individually Packed



### No. B-25 ELECTRIC KITCHENETTE RANGE

Extra large model. Four large practical utensils. An efficient range for small apartments. Precision built heavy duty safety elements. Accurate heat indicator. Three switches individually control the two porcelain plate element and oven element. Cooks and bakes as efficient as a large kitchen range.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
21½x16¾x10¾ in.	1175	1	22 lbs.

EXTRA heavy, durable steel construction. Permanent, lustrous jade green baked enamel finish, with stove top and trim in glistening chrome plate. Insulated double lined oven with wire oven rack. Furnished with two cup aluminum percolator, large aluminum fry pan, 7-inch pie plate, and six cup muffin pan. Child interest booklet of tested recipes enclosed.

Patented

FULLY GUARANTEED

Individually Packed

# ENGINES FOR THE BOYS

BUILT TO GIVE EXCEPTIONAL SERVICE

## No. 90 ELECTRIC STEAM ENGINE

HORIZONTAL MODEL

Heavy seamless solid copper boiler. Highly polished and lacquered to preserve finish. Loud whistle. Accurate water gauge. Heavy duty safety element heats rapidly. Safety valve in smoke stack.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
7x6 $\frac{3}{4}$ x6 in.	350	6	20 lbs.

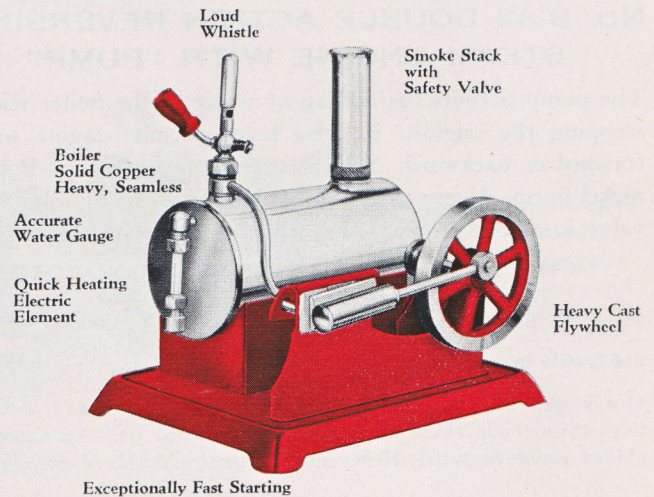
Heavy steel base finished in bright red enamel. Polished nickel fittings. Detachable heavy heater cord set. Accurately machined brass piston, cylinder and running parts. Large machined drive pulley. Heavy cast flywheel.

FULLY GUARANTEED

Individually Packed

No. 90-X Electric Steam Engine—Same as No. 90, but less cord set.

## The "Power Boy" Engine

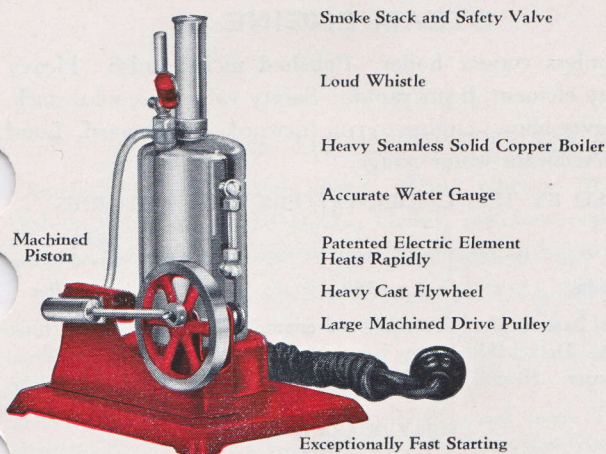


LOW PRICED!

SAFE - SPEEDY - POWERFUL  
ECONOMICAL TO OPERATE  
ATTRACTIVE - DURABLE



## The "Play Boy" Engine



## No. 92 ELECTRIC STEAM ENGINE

UPRIGHT MODEL

Heavy seamless solid copper boiler. Highly polished and lacquered to stay bright. Loud whistle. Accurate water gauge. Patented heavy duty immersion element, heats rapidly. Safety valve in smoke stack.

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
9 $\frac{1}{4}$ x7x5 $\frac{1}{2}$ in.	350	6	20 lbs.

Heavy steel base finished in bright enamel. Polished nickel fittings. Heavy heater cord attached. Accurately machined brass piston, cylinder and running parts. Large machined drive pulley. Heavy cast flywheel.

FULLY GUARANTEED

Individually Packed

# SAFE - SPEEDY - POWERFUL

**ECONOMICAL TO OPERATE — FULLY GUARANTEED**

## NO. B-43 DOUBLE ACTION REVERSIBLE STEAM ENGINE WITH "PUMP"

The pump permits the adding of water to the boiler without stopping the engine. Reverse lever permits engine to run forward or backward. Solid seamless copper boiler. Polished nickel finish. Heavy duty safety element, heats rapidly. Safety valve in smoke stack. Loud whistle. Accurate water gauge.

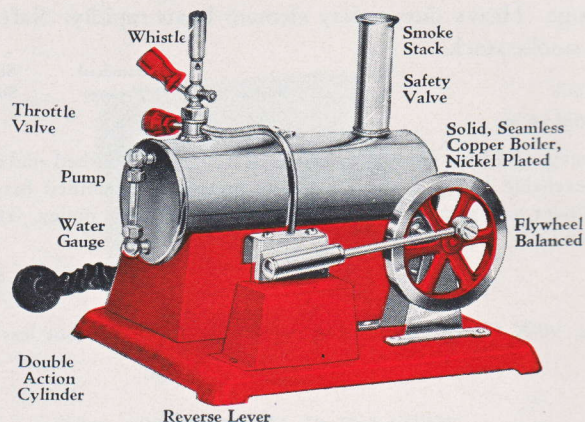
LISTED BY THE UNDERWRITERS' LABORATORIES

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
8x6 $\frac{5}{8}$ x6 $\frac{1}{2}$ in.	350	6	28 lbs.

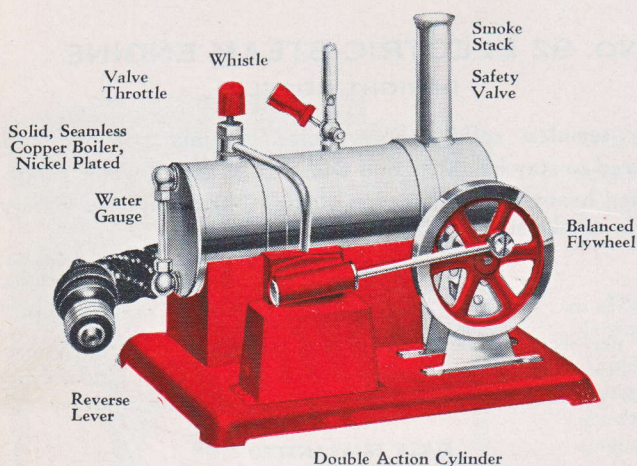
Heavy steel base finished in bright red enamel. Polished nickel fittings throughout. Detachable heavy heater cord set. Accurately machined runnings parts. Heavy cast flywheel. Machined drive pulley.

FULLY GUARANTEED  
Individually Packed

A Sensationally New Water Pump  
Pumps the Water Into the Boiler  
Without Stopping the Engine



All Working Parts Made of Non-Rusting, Non-Corroding Metals  
Special Cylinder Design — Power on Both Forward and Return Stroke  
**MORE SPEED — GREATER POWER**



## NO. 62 DOUBLE ACTION REVERSIBLE STEAM ENGINE

Solid seamless copper boiler. Polished nickel finish. Heavy duty safety element, heats rapidly. Safety valve in smoke stack. Reverse lever allows engine to run forward or backward. Loud whistle. Accurate water gauge.

LISTED BY THE UNDERWRITERS' LABORATORIES

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
8x6 $\frac{5}{8}$ x6 $\frac{1}{2}$ in.	350	6	28 lbs.

Heavy steel base finished in bright red enamel. Polished nickel fittings throughout. Detachable heavy heater cord set. Accurately machined running parts. Heavy cast flywheel. Large machined drive pulley.

FULLY GUARANTEED  
Individually Packed

# UNUSUAL ENGINES FOR THE BOYS

**BUILT TO GIVE EXCEPTIONAL SERVICE**

NO STEAM — NO WATER  
NEITHER INTAKE NOR EXHAUST —  
YET DEVELOPS UNUSUAL POWER

## No. B-38

### ELECTRIC SUBMARINE ENGINE

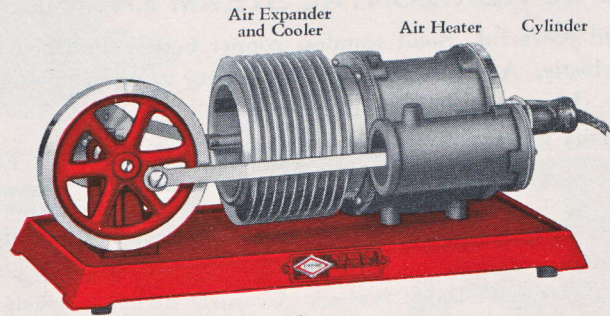
Built for years of service. Cannot get out of order.  
Special heavy duty safety element.

LISTED BY THE UNDERWRITERS' LABORATORIES:

Size	Watts	Standard Package	Shipping Wt. Standard Pkg.
12 $\frac{3}{8}$ x 5 x 6 $\frac{1}{4}$ in.	350	2	24 lbs.

Non-corroding, accurately machined running parts. Large cast balanced flywheel. Heavy cast base, cylinder, and valve housing. Heavy detachable heater cord. Finished in red and black enamel and polished nickel. Requires very little care — only occasional oiling needed.

FULLY GUARANTEED  
Individually Packed



Almost  
Instantaneous  
Starting.  
Operates by  
Heating and  
Expanding Air.

No. B-38 — Extremely simple — uses only air.

## No. B-33 MAGNETIC ENGINE

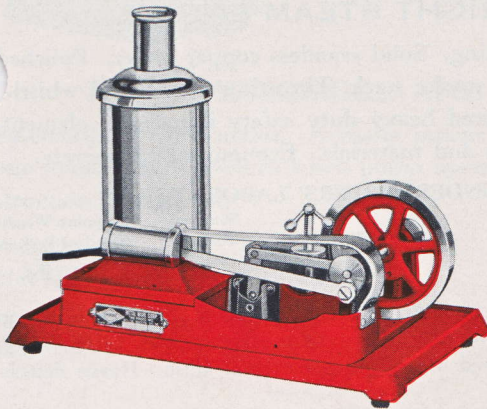
Large — powerful. Operates on any standard socket on A. C. current. Also furnished for D. C. current when specified. Starts instantaneously. Requires no attention. Will drive several accessories at one time. Ideal for operating moving displays. Heavy steel nickel plated boiler.

LISTED BY THE UNDERWRITERS' LABORATORIES:

Size	Watts	Volts	Standard Package	Shipping Wt. Standard Pkg.
11 $\frac{3}{8}$ x 9 x 7 $\frac{1}{4}$ in.	45	110	2	30 lbs.

Heavy cast base. Red enamel and polished nickel finish. Accurately machined running parts. Large machined pulley. Realistic governor revolves when engine is running. Four large magnetic coils.

FULLY GUARANTEED  
Individually Packed



## No. B-35 TURBINE STEAM ENGINE

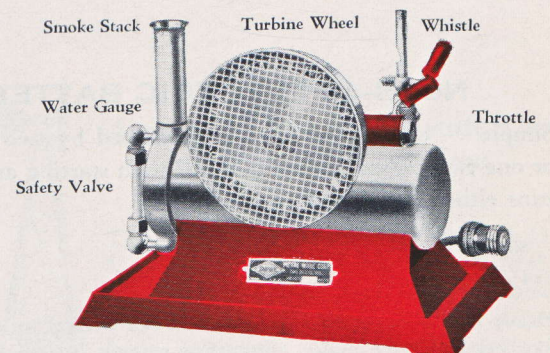
Develops unusually high speeds. Loud whistle. Accurate water gauge. Safety valve in smoke stack. Heavy seamless copper boiler. Polished nickel. Balanced turbine wheel. Has fascinating turbine hum.

LISTED BY THE UNDERWRITERS' LABORATORIES:

Size	Watts	Standard Package	Shipping Weight Standard Package
9 $\frac{1}{2}$ x 7 $\frac{1}{4}$ x 5 $\frac{3}{4}$ in.	400	3	21 lbs.

Heavy cast base. Red enamel and polished nickel finish. Turbine wheel effectively guarded. Heavy detachable heater cord. Heavy duty safety element.

FULLY GUARANTEED  
Individually Packed



Heavy Detachable Heater Cord

No. B-35 — A miniature duplicate of large, single phase steam turbines.

# UNUSUAL ENGINES FOR THE BOYS

**BUILT TO GIVE EXCEPTIONAL SERVICE**

EXTRA LARGE  
EXCEPTIONALLY HEAVY CONSTRUCTION

All working parts made of non-rusting, non-corroding metals

## NO. B-30 HORIZONTAL STEAM ENGINE

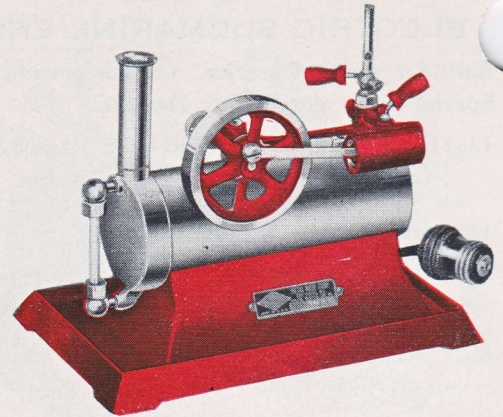
Extra large and powerful. Solid seamless copper boiler. Polished nickel finish. Loud whistle. Accurate water gauge. Safety valve in smoke stack. Throttle valve. Heavy duty safety element.

LISTED BY THE UNDERWRITERS' LABORATORIES

Size	Watts	Standard Package	Shipping Weight Standard Package
9½x7¼x5¾ in.	350	3	21 lbs.

Extra heavy cast base. Cast and machined cylinder assembly. Extra large piston and slide valve. Heavy cast balanced flywheel. Accurately machined running parts. Large drive pulley. Polished nickel and red enamel finish. Heavy detachable cord.

FULLY GUARANTEED  
Individually Packed



## NO. B-31 UPRIGHT STEAM ENGINE

Large, powerful and fast starting. Solid seamless copper boiler. Polished nickel finish. Safety valve in smoke stack. Throttle valve. Loud whistle. Accurate water gauge. Patented heavy duty safety immersion element. Highest quality workmanship and materials. Economical to operate.

LISTED BY THE UNDERWRITERS' LABORATORIES

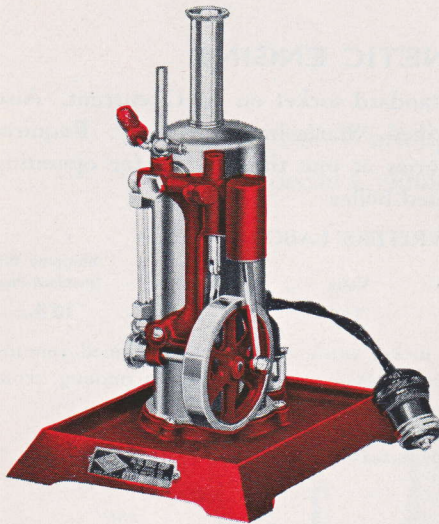
Size	Watts	Standard Package	Shipping Weight Standard Package
10x7½x6 in.	350	3	19 lbs.

Extra heavy cast base. Cast and machined cylinder assembly. Extra large piston and slide valve. Accurately machined running parts. Heavy cast balanced flywheel. Large drive pulley. Polished nickel and red enamel finish. Heavy detachable cord.

Patented

FULLY GUARANTEED

Individually Packed



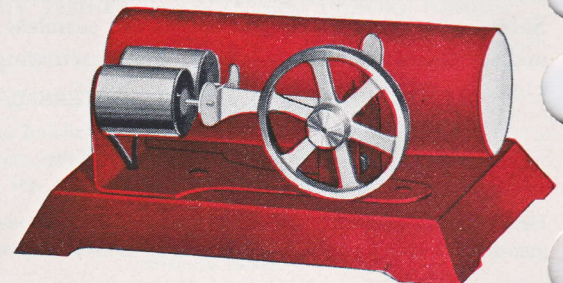
## NO. B-44 ELECTRIC BATTERY ENGINE

Simple — economical. Power furnished by two standard flashlight cells or one two-cell battery. Equipped with starting and reverse lever. Engine runs either forward or in reverse.

Size	Standard Package	Shipping Weight Standard Package
6x4½x2¾ in.	12	14½ lbs.

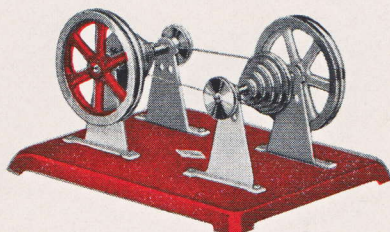
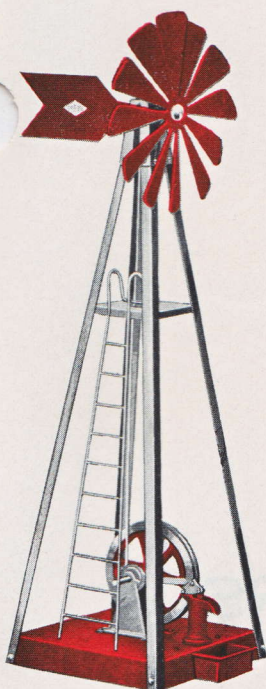
Heavy steel construction. Furnished in red enamel with polished nickel trim. Cast flywheel and drive pulley. Furnished without battery.

FULLY GUARANTEED  
Individually Packed



# ACCESSORY TOYS

EDUCATIONAL -- ENTERTAINING



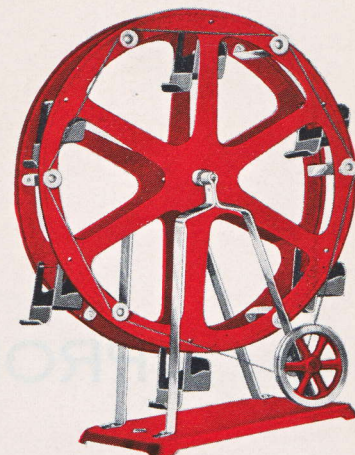
## NO. 34 SPEED UNIT AND WINDLASS

Ten or twelve toys can be driven at one time at as many different speeds. Practical windlass for operating elevators, cranes, etc. Can be driven and released at various speeds. Very simple to operate.

Size	Standard Package	Shipping Weight Standard Package
7x5½x4½ in.	6	12 lbs.

Heavy cast flywheel. Durable steel base. Red enamel finish. Nickel plated uprights and pulleys.

Individually Packed



## NO. 36 WINDMILL AND PUMP

Fascinating — instructive. Actually pumps water in continuous stream. Fan revolves when pump operates. Durable construction throughout.

Size	Standard Package	Shipping Weight Standard Package
21x9½x7 in.	3	15 lbs.

Base, pump, fan and vane are finished in bright red enamel. Tower and platform ivory enamel. Running parts and ladder nickel plated.

Individually Packed

## NO. 47 FERRIS WHEEL

Substantially built. Six swinging carriages. One piece carriage wheel.

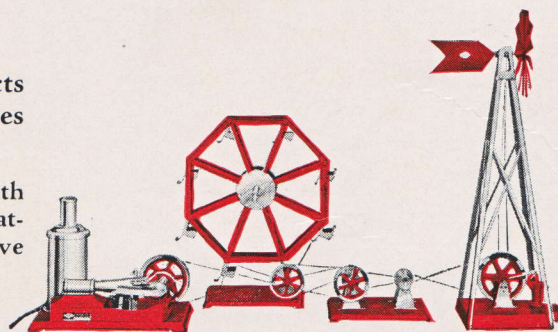
Size	Standard Package	Shipping Weight Standard Package
12¾x11¾x6¼ in.	4	14 lbs.

Heavy steel construction throughout. Base and carriage wheel in bright red enamel. Standards and running parts nickel plated. Carriages finished in green enamel.

Individually Packed

A Moving Display That Attracts Attention and Helps Sell Engines and Accessories

The accessories when connected with an EMPIRE engine make a very attractive display as well as an instructive unit for boys.



Attract the Youngsters with This Moving Display on Your Counter

This display illustrates the No. B-33 Magnetic Engine, No. 47 Ferris Wheel, No. 34 Speed Unit and Windlass and No. 36 Windmill and Pump. All items have provisions made for mounting.

EDUCATIONAL  
EMPIRE TOYS  
ARE  
PROFITABLE FAST SELLERS

